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TITLE: PRODUCTION OF ZINC-ALUMINUM-MAGNESIUM SERIES PLATED STEEL SHEET EXCELLENT IN CORROSION RESISTANCE AFTER COATING

PUBN-DATE: October 5, 1999

INVENTOR-INFORMATION:

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ABSTRACT:

PROBLEM TO BE SOLVED: To obtain a Zn-Al-Mg series hot dip plated steel sheet excellent in corrosion resistance after coating and adhesion for a coated film.

SOLUTION: A hot dip plated steel sheet in which a galvanizing layer contg., by weight, 4.0 to 10.0% Al and 1.0 to 4.0% Mg is formed is dipped into an aq. soln. of tannic acid or a kind of tannic acid, or an aq. soln. of tannic acid or a kind of tannic acid is sprayed on a hot dip plated steel sheet, and then, a resin coating film is formed on the surface of the steel sheet. As tannine, crude tannine, chinese tannin, pyrogalloltannin, catecholtannin, nutgalls tannine or the like are used, and it is prepd. to an aq. soln. of 0.005 to 5%